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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/544,683

DATE: 05/02/2000
 TIME: 13:00:29

Input Set : A:\99471 us.app
 Output Set: N:\CRF3\050200\I544683.raw

ENTERED

3 <110> APPLICANT: JACOBS, ANTONIUS A.C.
 4 VAN DEN BOSCH, JOHANNES F.
 5 NUITJEN, PETRUS J.M.
 7 <120> TITLE OF INVENTION: CAMPYLOBACTER VACCINE
 9 <130> FILE REFERENCE: JACOBS
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/544,683
 12 <141> CURRENT FILING DATE: 2000-04-07
 14 <150> PRIOR APPLICATION NUMBER: EP99201086.8
 15 <151> PRIOR FILING DATE: 1999-04-09
 17 <160> NUMBER OF SEQ ID NOS: 2
 19 <170> SOFTWARE: PatentIn Ver. 2.0
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 125
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Campylobacter jejuni
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 28 1 5 10 15
 30 Val Leu Glu Leu Ser Glu Leu Val Lys Glu Phe Glu Glu Lys Phe Gly
 31 20 25 30
 33 Val Ser Ala Ala Pro Val Met Val Ala Gly Gly Ala Val Ala Gly Gly
 34 35 40 45
 36 Ala Val Ala Ala Ala Glu Lys Thr Glu Phe Asp Ile Val Leu Thr
 37 50 55 60
 39 Asp Gly Gly Ala Lys Lys Ile Glu Val Ile Lys Ile Val Arg Ala Leu
 40 65 70 75 80
 42 Thr Gly Leu Gly Leu Lys Glu Ala Lys Asp Ala Val Glu Gln Thr Pro
 43 85 90 95
 45 Ser Thr Leu Lys Glu Gly Val Ala Lys Ala Glu Ala Glu Glu Ala Lys
 46 100 105 110
 48 Lys Gln Leu Glu Glu Ala Gly Ala Lys Val Glu Leu Lys
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 53 <211> LENGTH: 545
 54 <212> TYPE: PRT
 55 <213> ORGANISM: Campylobacter jejuni
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 59 1 5 10 15
 61 Glu Gly Val Lys Lys Leu Asn Asp Ala Val Lys Val Thr Met Gly Pro
 62 20 25 30
 64 Arg Gly Arg Asn Val Leu Ile Gln Lys Ser Phe Gly Ala Pro Ser Ile
 65 35 40 45
 67 Thr Lys Asp Gly Val Ser Val Ala Lys Glu Val Glu Leu Lys Asp Ser
 68 50 55 60
 70 Leu Glu Asn Met Gly Ala Ser Leu Val Arg Glu Val Ala Ser Lys Thr
 71 65 70 75 80

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73 Ala Asp Gln Ala Gly Asp Gly Thr Thr Thr Ala Thr Val Leu Ala His
74      85      90      95
76 Ala Ile Phe Lys Glu Gly Leu Arg Asn Ile Thr Ala Gly Ala Asn Pro
77      100      105      110
79 Ile Glu Val Lys Arg Gly Met Asp Lys Ala Cys Glu Ala Ile Val Ala
80      115      120      125
82 Glu Leu Lys Lys Leu Ser Arg Glu Val Lys Asp Lys Lys Glu Ile Ala
83      130      135      140
85 Gln Val Ala Thr Ile Ser Ala Asn Ser Asp Glu Lys Ile Gly Asn Leu
86      145      150      155      160
88 Ile Ala Asp Ala Met Glu Lys Val Gly Lys Asp Gly Val Ile Thr Val
89      165      170      175
91 Glu Glu Pro Lys Ser Ile Asn Asp Glu Leu Asn Val Val Glu Gly Met
92      180      185      190
94 Gln Phe Asp Arg Gly Tyr Leu Ser Pro Tyr Phe Ile Thr Asn Ala Glu
95      195      200      205
97 Lys Met Thr Val Glu Leu Ser Ser Pro Tyr Ile Leu Leu Phe Asp Lys
98      210      215      220
100 Lys Ile Thr Asn Leu Lys Asp Leu Leu Pro Val Leu Glu Gln Ile Gln
101      225      230      235      240
103 Lys Thr Gly Lys Pro Leu Leu Ile Ile Ala Glu Asp Ile Glu Gly Glu
104      245      250      255
106 Ala Leu Ala Thr Leu Val Val Asn Lys Leu Arg Gly Val Leu Asn Ile
107      260      265      270
109 Ser Ala Val Lys Ala Pro Gly Phe Gly Asp Arg Arg Lys Ala Met Leu
110      275      280      285
112 Glu Asp Ile Ala Ile Leu Thr Gly Gly Glu Val Ile Ser Glu Glu Leu
113      290      295      300
115 Gly Arg Thr Leu Glu Ser Ala Thr Ile Gln Asp Leu Gly Gln Ala Ser
116      305      310      315      320
118 Ser Val Ile Ile Asp Lys Asp Asn Thr Thr Ile Val Asn Gly Ala Gly
119      325      330      335
121 Glu Lys Ala Asn Ile Asp Ala Arg Val Asn Gln Ile Lys Ala Gln Ile
122      340      345      350
124 Ala Glu Thr Thr Ser Asp Tyr Asp Arg Glu Lys Leu Gln Glu Arg Leu
125      355      360      365
127 Ala Lys Leu Ser Gly Gly Val Ala Val Ile Lys Val Gly Ala Thr Thr
128      370      375      380
130 Glu Thr Glu Met Lys Glu Lys Lys Asp Arg Val Asp Asp Ala Leu Ser
131      385      390      395      400
133 Ala Thr Lys Ala Ala Val Glu Glu Gly Ile Val Ile Gly Gly Gly Ala
134      405      410      415
136 Ala Leu Ile Lys Ala Lys Ala Lys Ile Lys Leu Asp Leu Gln Gly Asp
137      420      425      430
139 Glu Ala Ile Gly Ala Ala Ile Val Glu Arg Ala Leu Arg Ala Pro Leu
140      435      440      445
142 Arg Gln Ile Ala Glu Asn Ala Gly Phe Asp Ala Gly Val Val Val Asn
143      450      455      460
145 Ser Val Glu Asn Ala Lys Asp Glu Asn Thr Gly Phe Asp Ala Ala Lys

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146 465          470          475          480
148 Gly Glu Tyr Val Asn Met Leu Glu Ser Gly Ile Ile Asp Pro Val Lys
149          485          490          495
151 Val Glu Arg Val Ala Leu Leu Asn Ala Val Ser Val Ala Ser Met Leu
152          500          505          510
154 Leu Thr Thr Glu Ala Thr Ile Ser Glu Ile Lys Glu Asp Lys Pro Thr
155          515          520          525
157 Met Pro Asp Met Ser Gly Met Gly Gly Met Gly Gly Met Gly Gly Met
158          530          535          540
160 Met
161 545

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VERIFICATION SUMMARY

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number